

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102820\
 Data File : VW017013.D
 Acq On : 28 Oct 2020 15:59
 Operator : SY/VA
 Sample : VIBLK05
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK05

Manual Integrations
 APPROVED

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 10/30/2020 1:33:32 PM

Quant Time: Oct 29 08:51:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 29 08:01:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	471341	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	449064	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	219144	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	114014	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.84%
7) Chloroethane-d5	2.89	69	94761	22.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.92%
10) 1,1-Dichloroethene-d2	4.03	63	171991	16.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.00%
20) 2-Butanone-d5	7.07	46	78426	76.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.06%#
24) Chloroform-d	7.65	84	269615	24.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	8.31	65	144249	28.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.76%
29) Benzene-d6	8.27	84	548803	23.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.16%
33) 1,2-Dichloropropane-d6	9.28	67	158623	25.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.92%
37) Toluene-d8	10.32	98	521802	24.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.12%
38) trans-1,3-Dichloropropene-	10.58	79	68013	25.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.96%
39) 2-Hexanone-d5	10.93	63	66468	76.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	152.06%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	152960	32.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.00%#
61) 1,2-Dichlorobenzene-d4	13.85	152	201183	26.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.48%

Target Compounds					Ovalue
16) Methylene chloride	4.93	84	10809m	1.734	ug/L
43) 4-Methyl-2-pentanone	10.21	43	5166	1.967	ug/L # 88
47) Tetrachloroethene	10.87	164	6810	1.078	ug/L 97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

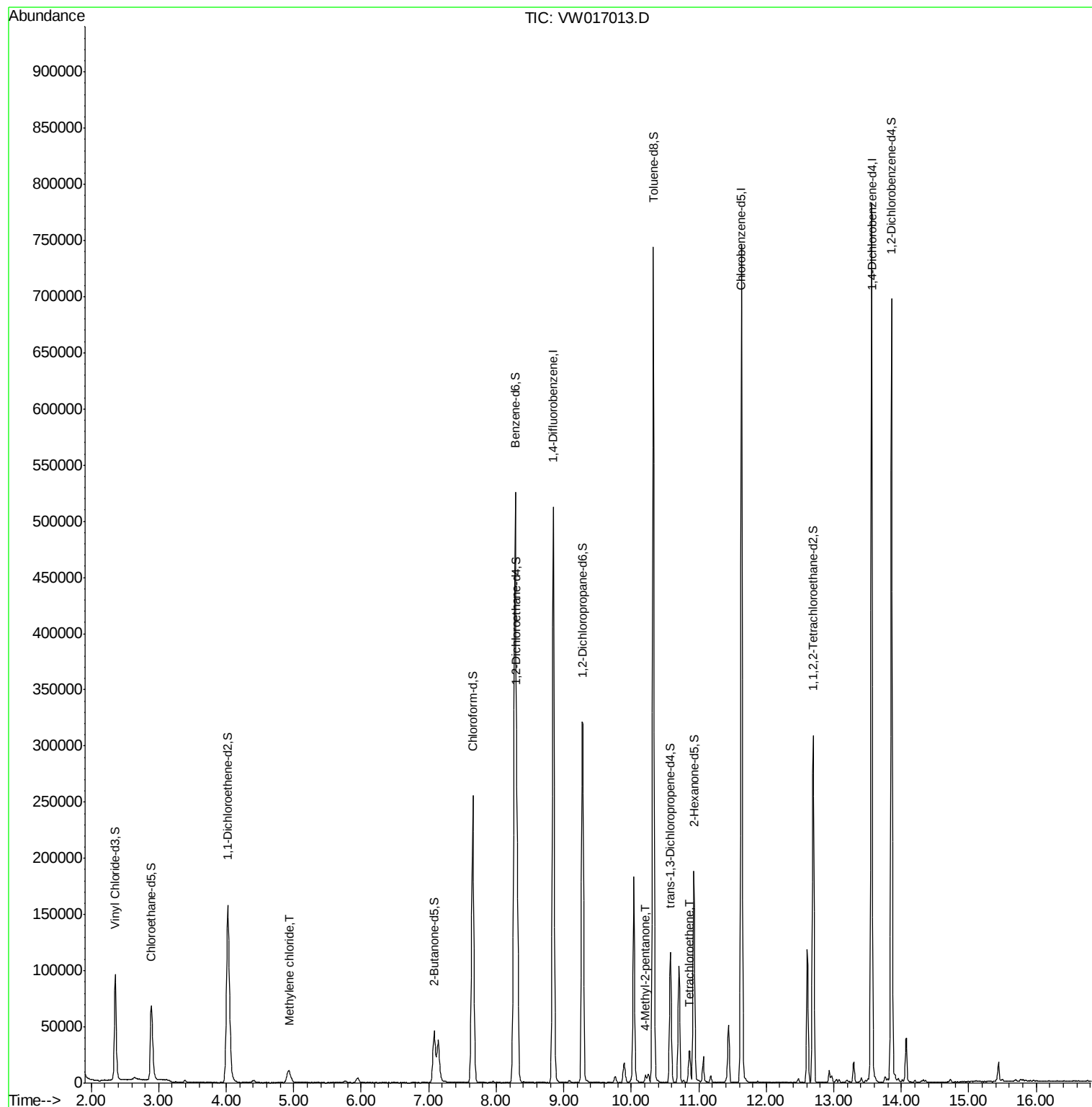
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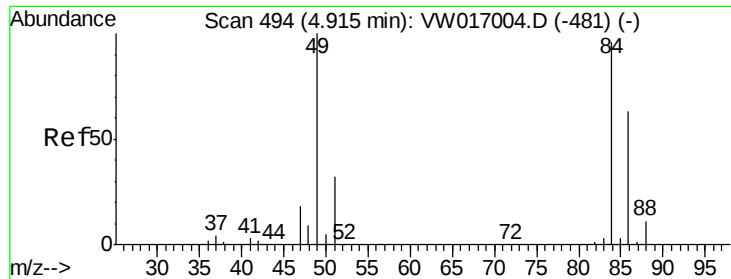
Instrument :
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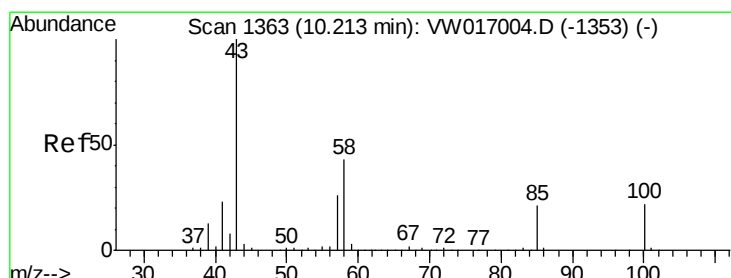
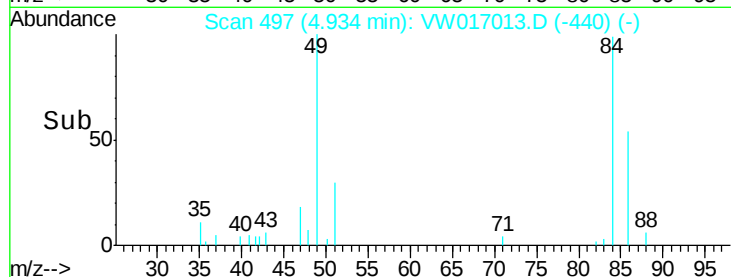
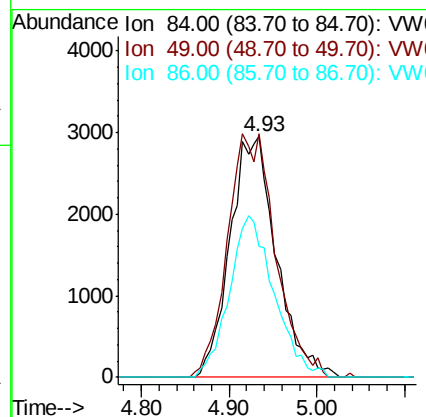
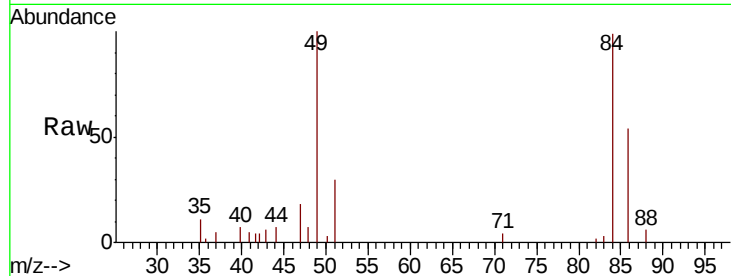
#16
Methylene chloride
Concen: 1.734 ug/L m
RT: 4.93 min Scan# 497
Delta R.T. 0.02 min
Lab File: VW017013.D
Acq: 28 Oct 2020 15:59

Instrument :
MSVOA_W
ClientSampleId :
VIBLK05

Tot Ion	84	Resp	10809
Ion Ratio	Lower	Upper	
84	100		
49	101.1	73.8	137.0
86	54.2	47.4	88.0

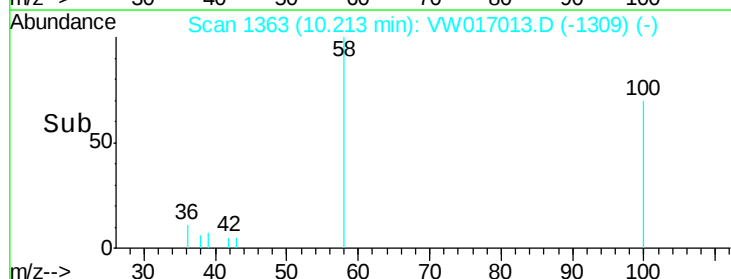
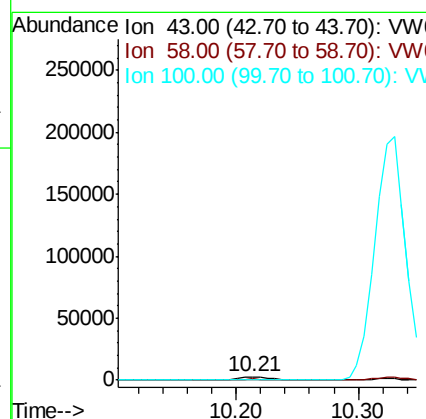
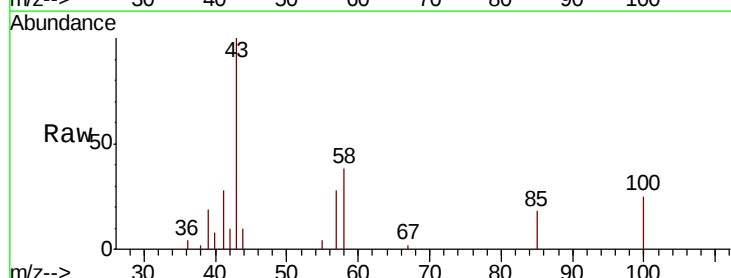
Manual Integrations
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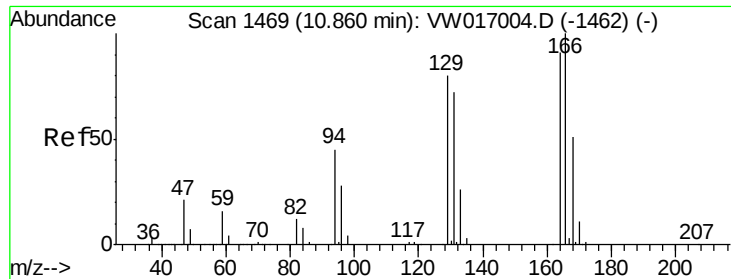
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#43
4-Methyl-2-pentanone
Concen: 1.967 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW017013.D
Acq: 28 Oct 2020 15:59

Tgt Ion	43	Resp	5166
Ion Ratio	Lower	Upper	
43	100		
58	33.6	34.4	51.6#
100	17.5	16.2	24.2





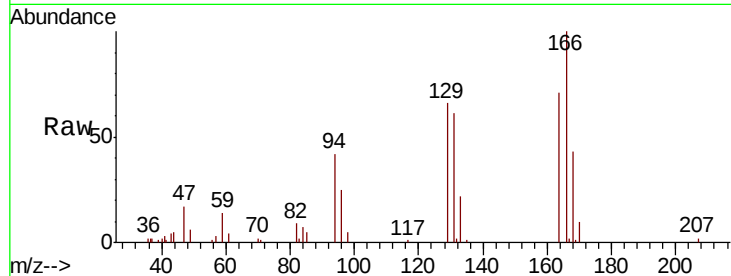
#47
 Tetrachloroethene
 Concen: 1.078 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: VW017013.D
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Tot Ion:	164	Resp:	6810
Ion	Ratio	Lower	Upper
164	100		
129	92.4	64.0	119.0
131	86.4	61.7	114.5
166	140.5	94.6	175.8

Manual Integrations
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Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

